

# INDEX

## INDEX (CONTINUED)


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	PLAN
	REFERENCE
	NO.
	SHEET
	OF
	SHEETS

**NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.**

FILE NAME T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CAD\ContractPlans\XL6461_SR530_PS_VICMAP.dgn										<div><div></div><div>Washington State Department of Transportation</div></div>		SR 530 MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC PAVING		Plot 1
TIME 8:26:07 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	PLAN REF.NO. IN1							
DATE 2/14/2023				JOB NUMBER 22A048		0530(032)	SHEET 1 OF 16 SHEETS							
PLOTTED BY LewisA				CONTRACT NO.										
DESIGNED BY B.SCHEI				LOCATION NO.										
ENTERED BY J. MOE														
CHECKED BY A. WILLIAMS														
PROJ. ENGR. S. BEIER														
REGIONAL ADM. B.NIELSEN														
REVISION			DATE	BY										


PROJECT LICENSED PROFESSIONAL CERTIFICATES

 Spencer Beier Feb 14, 2023 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
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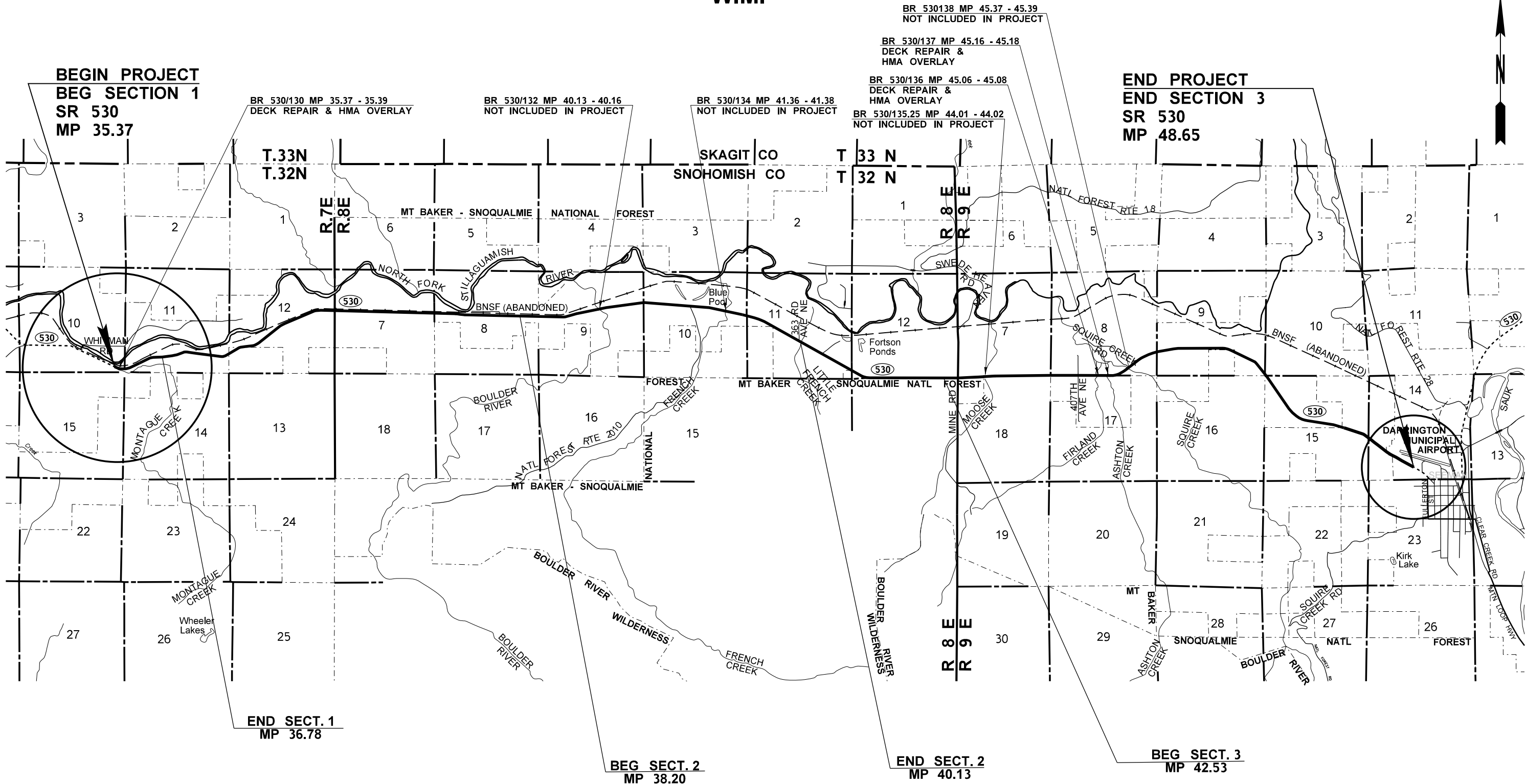
NOTES:


THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

FILE NAME T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CADIContractPlans\XL6461 SR530_PS_VICMAP.dgn										Plot 2	
TIME 3:55:19 PM						REGION NO. STATE		FED.AID PROJ.NO.		PLAN REF NO	
DATE 2/8/2023						10 WASH				CT1	
PLOTTED BY LewisA						JOB NUMBER				SHEET	
DESIGNED BY B.SCHEI						22A048				2	
ENTERED BY J. MOE						CONTRACT NO.		LOCATION NO.		OF	
CHECKED BY A. WILLIAMS										16	
PROJ. ENGR. S. BEIER										SHEETS	
REGIONAL ADM. B.NIELSEN		REVISION		DATE		BY		P.E. STAMP BOX DATE		P.E. STAMP BOX DATE	
<div> Washington State Department of Transportation</div>										SR 530 MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC PAVING  CERTIFICATION SHEET	

W.M.



FILE NAME T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CAD\ContractPlans\XL6461_SR530_PS_VICMAP.dgn														 <b>Washington State Department of Transportation</b>		SR 530 MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC PAVING		Plot 3	
TIME 2:30:56 PM										REGION NO. STATE		FED.AID PROJ.NO.						PLAN REF NO	
DATE 2/10/2023												10 WASH				VM1			
PLOTTED BY LewisA												JOB NUMBER 22A048						SHEET 3 OF 16 SHEETS	
DESIGNED BY B.SCHEI												CONTRACT NO.		LOCATION NO.					
ENTERED BY J. MOE																			
CHECKED BY A. WILLIAMS																			
PROJ. ENGR. S. BEIER																			
REGIONAL ADM. B.NIELSEN				REVISION		DATE		BY											
										DATE		DATE				VICINITY MAP			
										P.E. STAMP BOX		P.E. STAMP BOX							



SUMMARY OF QUANTITIES

DOT\_RGG900

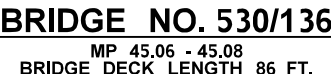
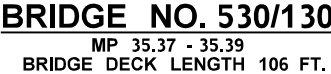
2/13/2023

ITEM NO	TOTAL QUANTITY	SUB-TOTAL ★ SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ★★ SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 1	GROUP 2	GROUP 3								
		SR 530 MP 35.37 - MP 36.78	SR 530 BR 530/130				SR 530 MP 38.20- MP40.13	SR530 MP 42.53- MP 48.29	SR 530 BR 530/136	SR 530 BR 530/137	SR 530 MP 48.29- MP 48.65	THIRD PARTY DAMAGES										
36	14.00		14.00	6719	EACH	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	13.00		1.00													
37	4158.00		4158.00	6783	L.F.	RAISING EXISTING BEAM GUARDRAIL	2,075.00		2,083.00													
38	410.00	20.00	390.00	6832	EACH	FLEXIBLE GUIDE POST	80.00		90.00	220.00			20.00									
39	150000.00	5820.00	144180.00	6807	L.F.	PLASTIC LINE	22,500.00		30,500.00	91,180.00			5,820.00									
40	1180.00		1180.00	6838	L.F.	PLASTIC 12-INCH WIDE LINE			1,180.00					1,180.00								
41	9.46	0.37	9.09	6893	MI.	CENTERLINE RUMBLE STRIP	1.93		1.41	5.75			0.37									
42	6.00		6.00	7441	EACH	TEMPORARY PORTABLE TRANSVERSE RUMBLE STRIPS	2.00		2.00	2.00												
43	6.24	0.24	6.00	6889	HUND	RECESSED PAVEMENT MARKER	0.93		1.27	3.80			0.24									
44	117600.00	3840.00	113760.00	6895	L.F.	TEMPORARY PAVEMENT MARKING-SHORT DURATION	22,360.00		31,240.00	60,160.00			3,840.00									
45	LUMP SUM	LUMP SUM	LUMP SUM	6971	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.									
46	50000.00	12500.00	37500.00	7572	DOL	WORK ZONE SAFETY CONTINGENCY	12,500.00		12,500.00	12,500.00			12,500.00									
47	84.00	18.00	66.00	6982	S.F.	CONSTRUCTION SIGNS CLASS A	18.00			48.00			18.00									
						OTHER ITEMS																
48	10000.00	2500.00	7500.00	9004	DOL	PROJECT PARTNERING	2,500.00		2,500.00	2,500.00			2,500.00									
49	LUMP SUM	LUMP SUM	LUMP SUM	7003	L.S.	TYPE B PROGRESS SCHEDULE	L.S.		L.S.	L.S.			L.S.									
50	LUMP SUM		LUMP SUM	7037	L.S.	STRUCTURE SURVEYING		L.S.			L.S.	L.S.										
51	LUMP SUM		LUMP SUM		L.S.	LICENSED SURVEYING	L.S.		L.S.	L.S.												
52	41.00	3.00	38.00	7380	EACH	ADJUST MONUMENT CASE AND COVER	8.00		12.00	18.00			3.00									
53	8.00		8.00	3100	EACH	ADJUST CATCH BASIN	6.00		2.00													
54	10000.00	2500.00	7500.00	7480	DOL	ROADSIDE CLEANUP	2,500.00		2,500.00	2,500.00			2,500.00									
55	5.00		5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE								5.00								
56	-1.00		-1.00	7728	DOL	MINOR CHANGE	-1.00															
57	-1.00		-1.00	7732	DOL	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	-1.00															
58	LUMP SUM	LUMP SUM	LUMP SUM	7736	L.S.	SPCC PLAN	L.S.		L.S.	L.S.			L.S.									
59	LUMP SUM	LUMP SUM	LUMP SUM		L.S.	REFERENCING EXISTING PAVEMENT MARKINGS	L.S.		L.S.	L.S.			L.S.									

GROUP LEGEND	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	530	314430	★★	FEDERAL
	2	530	314402	*	FEDERAL
	3	530	314430	★★	STATE

			REGION	STATE	FEDERAL AID PROJECT. NO.		Washington State Department of Transportation	SR 530 MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC PAVING	SQ2
			10	WA	0530(032)				
			JOB NUMBER 22A048/3						
			CONTRACT NO 000000						
DATE	REVISION		BY					SUMMARY OF QUANTITIES	SHEET 5 OF 16 SHEETS

[illegible]



**MP 40.13 - 40.16**

MP 41.36 - 41.38

MP 44.01 - 44.02

MP 45.37 - 45.39



- |   |   |   |  |
|---|---|---|--|
| 1 | PLANNING BITUMINOUS PAVEMENT                      | 5 | REMOVING EXISTING OVERLAY FROM BRIDGE DECK |
| 2 | HMA CL ½ IN. PG 58H-22                            | 6 | HMA CL ½ IN PG 58H-22                      |
| 3 | CRUSHED SURFACING BASE COURSE                     | 7 | WATERPROOF MEMBRANE                        |
| 4 | CENTER LINE RUMBLE STRIP<br>SEE STD. PLAN M-65.10 | 8 | BRIDGE DECK REPAIR                         |

1. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. PAVEMENT REPAIR DELINEATED AFTER PLANING BY THE ENGINEER.
3. CLEAN EDGE SAWCUT OR GRIND.
4. BRIDGE CHECKED FOR DECK REPAIR AFTER HMA REMOVAL
5. SAWCUT AND SEAL SEE STANDARD PLAN A -40.20
6. STRUCTURE SURVEYING SHALL BE COMPLETED ON BRIDGES WITH DECK REPAIR

FILE NAME T:\422334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CADI\ContractPlans\XL6461_SR530_PS_VICMAP.dgn										Plot 7	
TIME 8:31:47 AM						REGION NO. STATE		FED.AID PROJ.NO.		PLAN REF NO	
DATE 2/14/2023						10 WASH				RS2	
PLOTTED BY LewisA						JOB NUMBER				SHEET	
DESIGNED BY B. SCHEI						22A048				7	
ENTERED BY B. SCHEI						CONTRACT NO.		LOCATION NO.		OF	
CHECKED BY A. WILLIAMS										16	
PROJ. ENGR. S. BEIER										SHEETS	
REGIONAL ADM. B.NIELSEN		REVISION		DATE BY						ROADWAY SECTIONS	

ADJUST MON.CASE AND COVER  
SECTION 1 \*

MILE POST	OFFSET
35.435	RT FOG
35.663	LT FOG
35.889	LT FOG
36.084	LT FOG
TOTAL	8

ADJUST MON.CASE AND COVER  
SECTION 2 \*

MILE POST	OFFSET
39.453	℄
39.721	℄
39.838	℄
40.007	℄
40.084	℄
41.122	℄
TOTAL	12

\* ADJUSTMENT PAID PER LIFT

ADJUST MON.CASE AND COVER  
SECTION 3

MILE POST	OFFSET
42.531	℄
42.905	℄
42.940	℄
43.222	℄
45.011	℄
45.177	℄
45.323	℄
45.473	℄
45.644	℄
45.765	℄
45.830	℄
45.971	℄
46.408	℄
46.583	℄
46.734	℄
47.153	℄
47.640	℄
48.132	℄
48.287	℄
48.585	℄
48.648	℄
TOTAL	21

SEE STANDARD PLAN  
A-10.30

CATCH BASIN INLET PROTECTIONS

MILE POST	OFFSET	TYPE
36.008	RT. SH.	TYPE 2
36.024	RT. SH.	TYPE 2
36.072	RT. SH.	TYPE 2
36.093	RT. SH.	TYPE 2
36.325	LT. SH.	TYPE 2
36.093	RT. SH.	TYPE 1
39.315	RT. SH.	TYPE 1
39.365	RT. SH.	TYPE 1
	TOTAL	8

ADJUST CATCH BASIN

MILE POST	OFFSET	TYPE
36.008	RT. SH.	TYPE 2
36.024	RT. SH.	TYPE 2
36.072	RT. SH.	TYPE 2
36.093	RT. SH.	TYPE 2
36.325	LT. SH.	TYPE 2
36.093	RT. SH.	TYPE 1
39.315	RT. SH.	TYPE 1
39.365	RT. SH.	TYPE 1
	TOTAL	8

SEE STANDARD PLANS  
B-5.20 AND B-10.20

REMOVE ASPHALT CONC. CURB

MILE POST	LENGTH
36.02 RT	72'
36.34 LT	260'
39.3 LT	649'
39.3 RT	590'

PLACE ASPHALT EXTRUDED CURB

MILE POST	LENGTH	ST. PLAN
36.02 RT	72'	C-20.10
36.34 LT	260'	C-20.10
39.3 LT	649'	F-10.40
39.3 RT	590'	F-10.40

CONTRACTOR SHALL USE TYPE 1 EXTRUDED CURBS  
(SEE STANDARD PLANS F-10.40 AND F-10.42)

FLEXIBLE GUIDE POSTS

SECTION 1	80
SECTION 2	90
SECTION 3	240

REFERENCED BY CONTRACTOR

USE FLEXIBLE GUIDEPOST SHALL BE WHITE WITH REFLECTIVE SHEETING TYPE W.  
FOR FLEXIBLE GUIDEPOST DETAIL AND SPACING SEE STD. PLANS M-40.10 AND M-40.60.

REMOVE PLASTIC LINE

MILE POST	LENGTH
39.3 RT	590'
39.3 LT	590'

PLASTIC 12IN WIDE LINE

MILE POST	LENGTH
39.3 RT	590'
39.3 LT	590'


FILE NAME T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CAD\ContractPlans\XL6461 SR530_PS_VICMAP.dgn												Plot 12	
TIME 8:26:56 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.						PLAN REF NO QT 1	
DATE 2/14/2023				JOB NUMBER 22A048								SHEET 8 OF 16 SHEETS	
PLOTTED BY LewisA				CONTRACT NO.		LOCATION NO.							
DESIGNED BY B. SCHEI													
ENTERED BY B. SCHEI													
CHECKED BY A. WILLIAMS													
PROJ. ENGR. S. BEIER													
REGIONAL ADM. B.NIELSEN	REVISION	DATE	BY									QUANTITY TAB	

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX



Washington State  
Department of Transportation

SR 530  
MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC  
PAVING

QUANTITY TAB




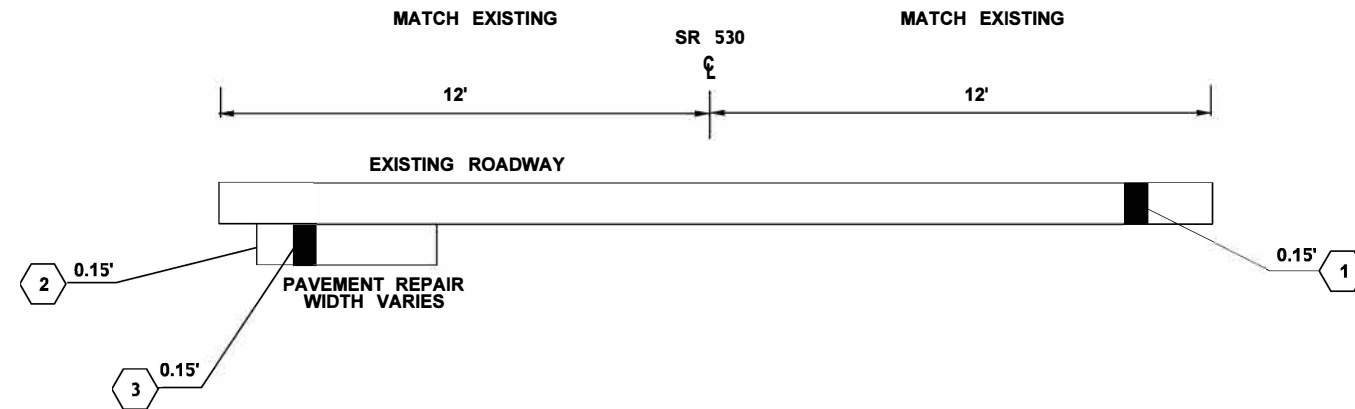
GUARDRAIL REPLACEMENT SECTION 1

MILE POST	OFFSET	REMOVING BEAM GUARDRAIL	REMOVING BEAM GUARDRAIL ANCHORS	TYPE 31 NON-FLARED TERMINAL (SEE STD. PLAN C-22.40)	BEAM GUARDRAIL TYPE 31 (SEE STD PLANS C-20.10 20.14,20.15)	TYPE 21 TRANSITION (SEE STD. PLAN C-25.20)	RAISING TYPE 1 GUARDRAIL (SEE STD. PLAN C-1)	GRAVEL BORROW INCL. HAUL	EMBANKMENT COMPACTION	SILT FENCE (SEE STD. PLAN I-30.15)
35.40	LEFT	62.5'	1	1	25'		112.5'			
35.40	RIGHT	62.5'	1	1	25'		312.5'	14 CY	14 CY	70'
35.64	LEFT	125'	2	2	50'		600'	35 CY	35 CY	70'
36.0	RIGHT	62.5'	1	1		1	0'	3 CY	3 CY	70'
36.05	LEFT	125'	2	2	50'		462.5'	6 CY	6 CY	140'
36.12	RIGHT	62.5'	1	1		1	0'	8 CY	8 CY	70'
36.32	LEFT	125'	2	2	50'		450'	3 CY	3 CY	70'
36.51	LEFT	TYPE 31								
36.66	LEFT	125'	2	2	50'		62.5'	68 CY	68 CY	140'
36.71	LEFT	62.5'	1	1	25'		75'	34 CY	34 CY	70'
	TOTALS	812.5'	13	13	275'	2	2075'	171 CY	171 CY	700'

GUARDRAIL REPLACEMENT SECTION 2

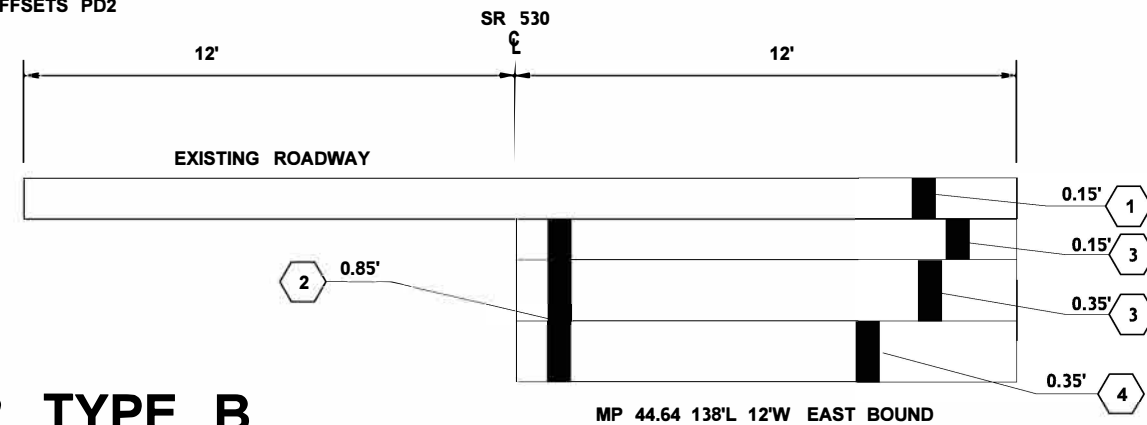
MILE POST	OFFSET	REMOVING BEAM GUARDRAIL	REMOVING BEAM GUARDRAIL ANCHORS	TYPE 31 NON-FLARED TERMINAL (SEE STD. PLAN C-22.40)	BEAM GUARDRAIL TYPE 31 (SEE STD PLANS C-20.10 20.14,20.15)	RAISING TYPE 1 GUARDRAIL (SEE STD. PLAN C-1)	GRAVEL BORROW INCL. HAUL	EMBANKMENT COMPACTION	SILT FENCE (SEE STD. PLAN I-30.15)
38.90	LEFT	0'	0	0	0	588'	0	0	0
38.91	RIGHT								
39.07	LEFT	0'	0	0	0	438'	0	0	0
39.07	RIGHT	0'	0	0	0	425'	0	0	0
39.25	LEFT	0'	0	0	0	63'	0	0	0
39.25	RIGHT	62.5'	1	1	25'	25'	4 CY	4 CY	50'
40.04	LEFT	0'	0	0	0	475'	0	0	0
40.09	RIGHT	0'	0	0	0	69'	0	0	0
	TOTALS	62.5'	1	1	25'	2083'	4 CY	4 CY	50'

FILE NAME T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CAD\ContractPlans\XL6461_SR530_PS_VICMAP.dgn										Plot 16			
TIME 8:27:06 AM						REGION NO. STATE		FED.AID PROJ.NO.		PLAN REF NO			
DATE 2/14/2023						10 WASH				QT 2			
PLOTTED BY LewisA						JOB NUMBER							
DESIGNED BY B. SCHEI						CONTRACT NO.		LOCATION NO.					
ENTERED BY B. SCHEI													
CHECKED BY A. WILLIAMS													
PROJ. ENGR. S. BEIER													
REGIONAL ADM. B.NIELSEN		REVISION		DATE		BY		DATE		DATE			
								P.E. STAMP BOX		P.E. STAMP BOX			
<div><div><p>Washington State Department of Transportation</p></div></div>										SR 530 MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC PAVING		SHEET 9 OF 16 SHEETS	
										QUANTITY TAB			

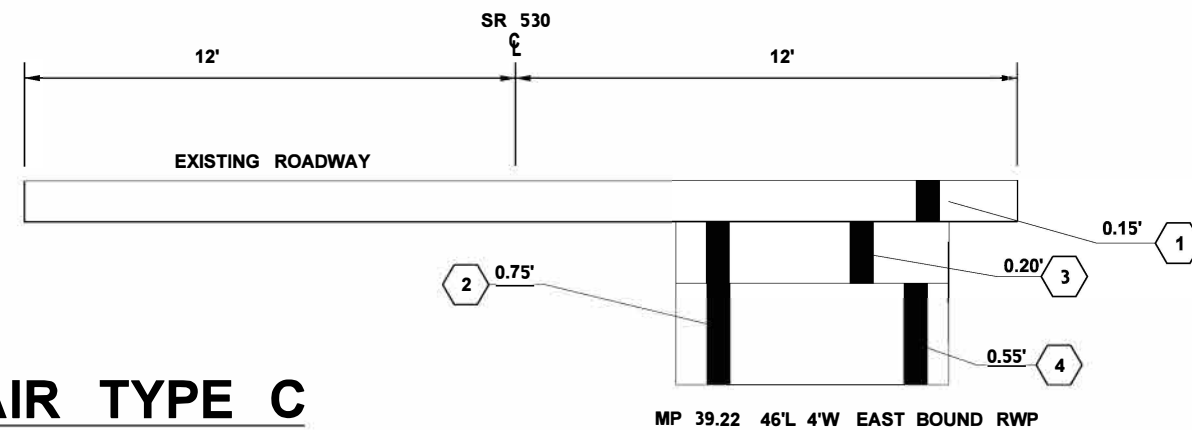


## PAVEMENT REPAIR TYPE A

PAVEMENT REPAIR WIDTHS AND OFFSETS PD2



## PAVEMENT REPAIR TYPE B



## PAVEMENT REPAIR TYPE C

### LEGEND

- 1 PLANNING BITUMINOUS PAVEMENT
- 2 PAVEMENT REPAIR EXCAVATION INCL. HAUL
- 3 HMA FOR PAVEMENT REPAIR  
CL 1/2 IN. PGH-22
- 4 CRUSHED SURFACING BASE COURSE

### NOTES

- PAVEMENT REPAIR DELINEATED AFTER PLANING BY THE ENGINEER

FILE NAME	T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CAD\ContractPlans\XL6461 SR530 PS_VICMAP.dgn	REGION NO.	STATE	FED.AID PROJ.NO.	SEE CT-1	DATE	DATE	Washington State Department of Transportation	SR 530 MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC PAVING	Plot 5 PLAN REF NO PD1
TIME	8:51:56 AM	10	WASH							
DATE	2/14/2023									
PLOTTED BY	LewisA									
DESIGNED BY	B. SCHEI									
ENTERED BY	B. SCHEI									
CHECKED BY	A. WILLIAMS									
PROJ. ENGR.	S. BEIER									
REGIONAL ADM.	B.NIELSEN	REVISION	DATE	BY	CONTRACT NO.	LOCATION NO.			PAVEMENT REPAIR DETAILS	SHEET 10 OF 16 SHEETS

PAVEMENT REPAIR SECTION 1 EAST BOUND

MILE POST	OFFSET	LENGTH	TYPE	WIDTH
35.72	RWP	45'	A	4'
35.75	RWP	85'	A	4'
35.83	RWP	45'	A	4'
35.88	RWP	590'	A	4'
36.13	RWP	130'	A	4'
36.23	RWP	400	A	4'
		TOTAL SQY	575	TONS 59

PAVEMENT REPAIR SECTION 1 WEST BOUND

MILE POST	OFFSET	LENGTH	TYPE	WIDTH
35.86	LWP	560'	A	4'
35.99	RWP	113'	A	4'
36.23	RWP	405'	A	4'
36.23	LWP	405'	A	4'
36.64	RWP	123'	A	4'
		TOTAL SQY	714	TONS 73

PAVEMENT REPAIR SECTION 2 EAST BOUND

MILE POST	OFFSET	LENGTH	TYPE	WIDTH
39.13	FW	52'	A	12'
39.22	RWP	46'	C	4'
39.44	RWP	205'	A	4'
39.44	LWP	205'	A	4'
39.50	RWP	155'	A	4'
39.50	LWP	155'	A	4'
		TOTAL SQY	410	TONS 47

PAVEMENT REPAIR SECTION 2 WEST BOUND

MILE POST	OFFSET	LENGTH	TYPE	WIDTH
38.92	LWP	200'	A	4'
38.98	LWP	60'	A	4'
39.25	RWP	105'	A	4'
39.44	RWP	205'	A	4'
39.44	LWP	205'	A	4'
		TOTAL SQY	344	TONS 35

PAVEMENT REPAIR SECTION 3 EAST BOUND

MILE POST	OFFSET	LENGTH	TYPE	WIDTH
42.54	RWP	88'	A	4'
42.81	RWP	60'	A	4'
42.95	RWP	106'	A	4'
43.34	RWP	1680'	A	4'
43.34	LWP	1680'	A	4'
44.00	FW	16'	A	12'
44.35	RWP	265'	A	4'
44.47	RWP	50'	A	4'
44.59	RWP	102'	A	4'
44.59	LWP	102'	A	4'
44.64	FW	138'	B	12'
45.37	FW	10'	A	12'
45.39	FW	10'	A	12'
45.50	RWP	235'	A	4'
45.69	RWP	266'	A	4'
45.82	RWP	140'	A	4'
45.82	LWP	140'	A	4'
45.88	RWP	355'	A	4'
45.88	LWP	355'	A	4'

TOTAL SQY PAVEMENT REPAIR  
EXCAVATION INCL. HAUL

TONS HMA FOR PAVEMENT REPAIR  
CL<sup>1</sup>/<sub>2</sub>IN PG 58H-22

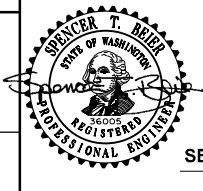

PAVEMENT REPAIR SECTION 3 EAST BOUND (CONT)

MILE POST	OFFSET	LENGTH	TYPE	WIDTH
45.96	RWP	120'	A	4'
46.00	RWP	328'	A	4'
46.11	RWP	145'	A	4'
46.54	RWP	1230'	A	4'
46.54	LWP	1230'	A	4'
46.82	LWP	850'	A	12'
46.82	RWP	850'	A	4'
47.01	LWP	635'	A	4'
48.11	RWP	240'	A	4'
48.11	LWP	240'	A	4'
48.36	LWP	1550'	A	4'
48.42	RWP	1250'	A	4'
		TOTAL SQY	6584	TONS 720

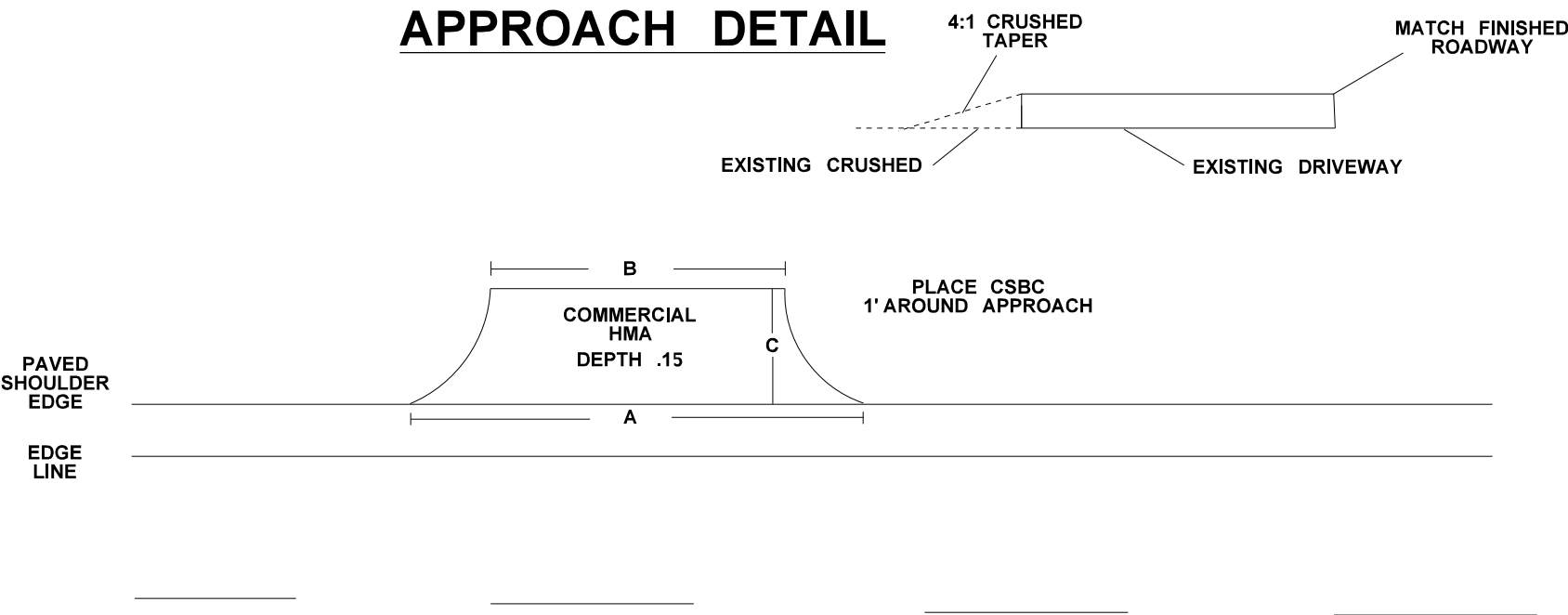
PAVEMENT REPAIR SECTION 3 WEST BOUND

MILE POST	OFFSET	LENGTH	TYPE	WIDTH
43.47	RWP	820'	A	4'
44.00	FW	16'	A	12'
44.31	RWP	105'	A	4'
45.37	FW	10'	A	12'
45.39	FW	10'	A	12'
46.82	LWP	485'	A	4'
48.39	RWP	728'	A	4'
48.57	RWP	340'	A	4'
48.59	LWP	220'	A	4'
		TOTAL SQY	1248	TONS 128

FW-FULL WIDTH  
RWP-RIGHT WHEEL PATH  
LWP-LEFT WHEEL PATH  
SQY- SQUARE YARDS

FILE NAME T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CAD\ContractPlans\XL6461_SR530_PS_VICMAP.dgn												SEE CT-1 DATE _____		P.E. STAMP BOX DATE _____		 Washington State Department of Transportation		SR 530 MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC PAVING		Plot 6	
TIME 1:32:55 PM		DATE 2/14/2023		PLOTTED BY LewisA		DESIGNED BY B. SCHEI		ENTERED BY B. SCHEI												CHECKED BY A. WILLIAMS	
REVISION										DATE		BY		CONTRACT NO. 22A048		LOCATION NO.				SHEET 11 OF 16 SHEETS	

APPROACH DETAIL





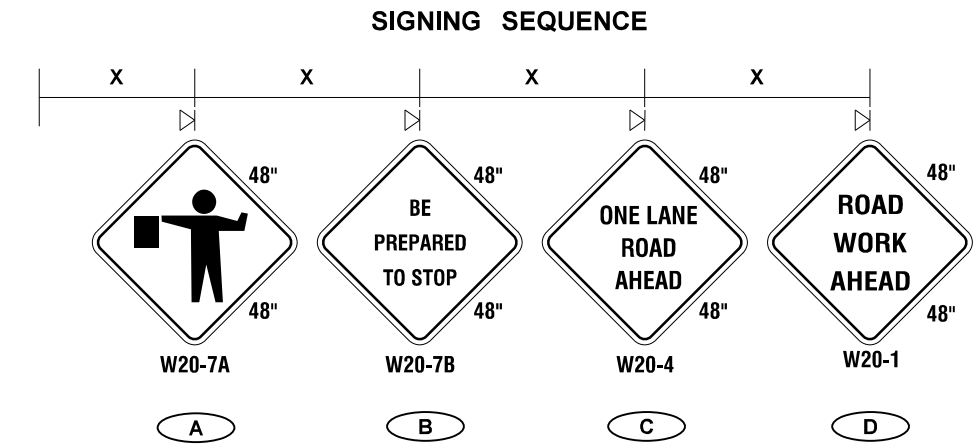
NOTIFY OWNERS 48 HRS IN ADVANCE

APPROACH DETAILS (OVERLAY AREAS)

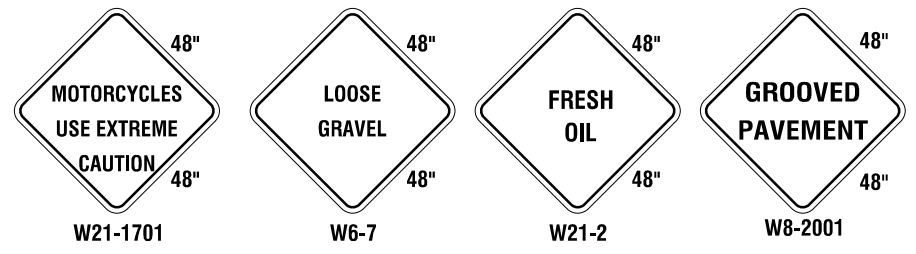
MILE POST	OFFSET	(A) LENGTH	(B) LENGTH	(C) LENGTH
35.63	RIGHT	35'	21'	25'
35.64	LEFT	45'	23'	30'
35.77	LEFT	32'	23'	22'
35.84	LEFT	35'	25'	22'
35.87	LEFT	36'	24'	22'
35.91	LEFT	102'	79'	24'
35.96	RIGHT	33'	23'	22'
35.99	RIGHT	35'	25'	22'
36.02	RIGHT	32'	22'	22'
36.05	LEFT	40'	17'	22'
36.23	RIGHT	35'	25'	15'
36.47	RIGHT	42'	24'	22'
36.60	RIGHT	86'	74'	14'
38.30	RIGHT	34'	26'	22'
38.32	LEFT	23'	20'	12'
38.41	LEFT	50'	40'	20'
38.44	RIGHT	62'	56'	12'
38.77	LEFT	38'	32'	8'
38.83	LEFT	50'	40'	20'
38.86	RIGHT	32'	22'	14'
39.15	RIGHT	24'	18'	17'
39.18	RIGHT	23'	20'	16'
39.19	LEFT	52'	42'	22'
39.19	RIGHT	32'	20'	8'
39.24	RIGHT	30'	22'	10'
39.26	RIGHT	31'	20'	10'
39.42	RIGHT	24'	16'	10'
39.54	RIGHT	54'	48'	12'
39.70	RIGHT	32'	26'	10'
39.74	RIGHT	24'	18'	8'
39.77	RIGHT	28'	24'	12'
39.78	LEFT	24'	18'	10'
39.87	RIGHT	28'	20'	11
40.02	LEFT	34'	24'	12'
40.06	LEFT	26'	20'	10'
40.10	RIGHT	32'	26'	22'
	TOTAL	TONS	232.5	

232.5 TONS COMMERCIAL HMA

FILE NAME T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CAD\ContractPlans\XL6461 SR530_PS_VICMAP.dgn				REGION NO. STATE		FED.AID PROJ.NO.			SEE CT-1	DATE	P.E. STAMP BOX	DATE	P.E. STAMP BOX		Washington State Department of Transportation	SR 530		Plot 15
TIME 3:37:08 PM				10	WASH	MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC										PLAN REF NO		
DATE 2/8/2023				JOB NUMBER 22A048		PAVING										SHEET 12		
PLOTTED BY LewisA				CONTRACT NO.		APPROACH DETAIL										OF 16		
DESIGNED BY B. SCHEI				LOCATION NO.				SHEETS										
ENTERED BY B. SCHEI																		
CHECKED BY A. WILLIAMS																		
PROJ. ENGR. S. BEIER																		
REGIONAL ADM. B.NIELSEN	REVISION	DATE	BY															



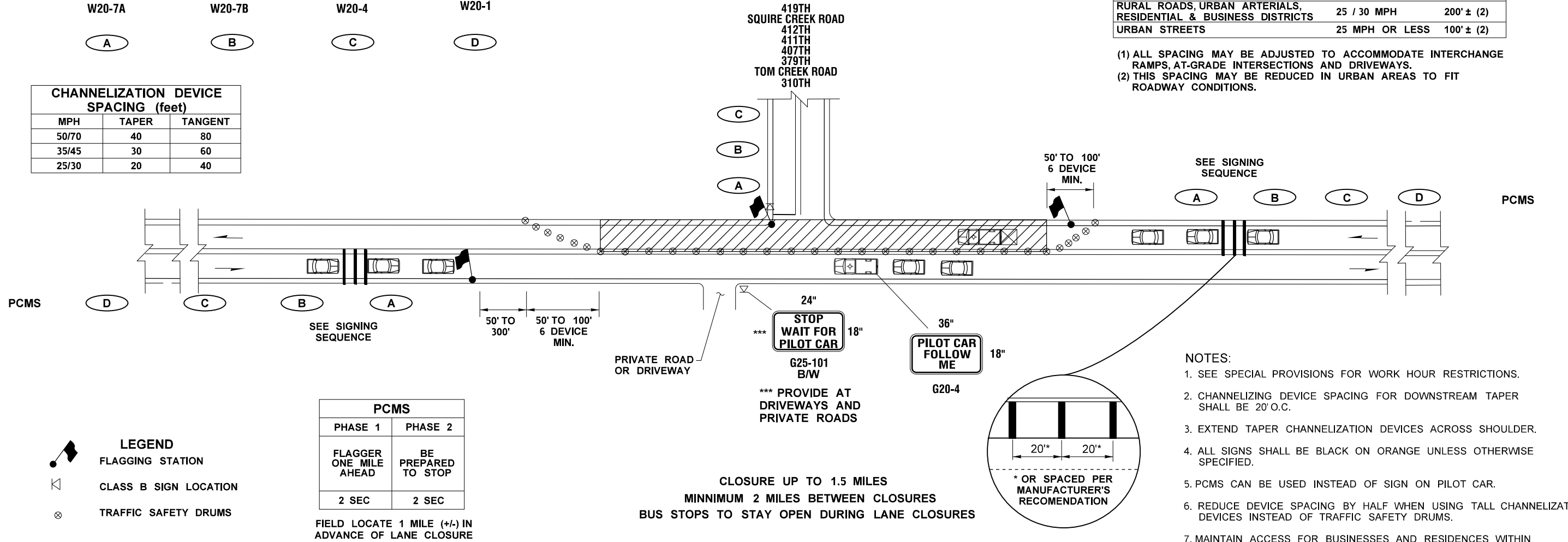
LANE WIDTH (feet)	MINIMUM TAPER LENGTH = L (feet)					
	Posted Speed (mph)					
25	30	35	40	45	50	
10	105	150	205	270	450	500
11	115	165	225	295	495	550
12	125	180	245	320	540	600



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

SIGN SPACING = X		
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

- (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS AND DRIVEWAYS.  
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



- LEGEND**
- FLAGGING STATION
  - CLASS B SIGN LOCATION
  - TRAFFIC SAFETY DRUMS
  - TRAFFIC SAFETY CONE
  - PILOT VEHICLE
  - MOTORIST VEHICLE
  - PORTABLE CHANGEABLE MESSAGE SIGN
  - WORK AREA

PCMS	
PHASE 1	PHASE 2
FLAGGER ONE MILE AHEAD	BE PREPARED TO STOP
2 SEC	2 SEC

FIELD LOCATE 1 MILE (+/-) IN ADVANCE OF LANE CLOSURE

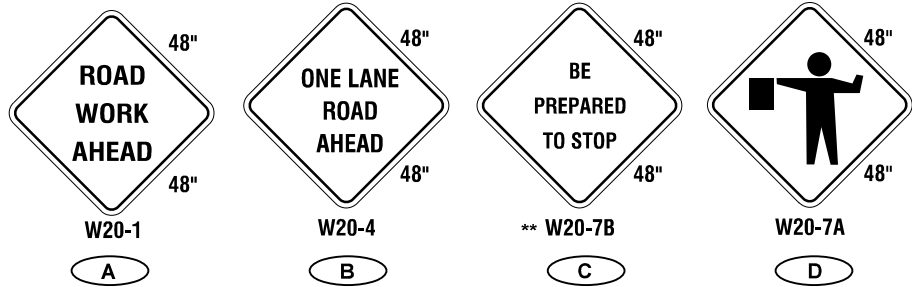
CLOSURE UP TO 1.5 MILES  
MINIMUM 2 MILES BETWEEN CLOSURES  
BUS STOPS TO STAY OPEN DURING LANE CLOSURES

- NOTES:**
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
  - CHANNELIZING DEVICE SPACING FOR DOWNSTREAM TAPER SHALL BE 20' O.C.
  - EXTEND TAPER CHANNELIZATION DEVICES ACROSS SHOULDER.
  - ALL SIGNS SHALL BE BLACK ON ORANGE UNLESS OTHERWISE SPECIFIED.
  - PCMS CAN BE USED INSTEAD OF SIGN ON PILOT CAR.
  - REDUCE DEVICE SPACING BY HALF WHEN USING TALL CHANNELIZATION DEVICES INSTEAD OF TRAFFIC SAFETY DRUMS.
  - MAINTAIN ACCESS FOR BUSINESSES AND RESIDENCES WITHIN WORK AREA.
  - PEDESTRIAN TRAFFIC SHALL BE ACCOMMODATED AT ALL TIMES, WHICH MAY INCLUDE ESCORTING PEDESTRIANS THROUGH THE WORK AREA AS NEEDED.
  - TRANVERSE RUMBLE STRIPS INSTALLED UPON PE. REQUEST.
  - 15-MINUTE MAXIMUM HOLD ON CROSS STREETS. IF LONGER THAN 15 MINUTES IS NEEDED, THE ROAD MUST BE CLOSED AND A SIGNED DETOUR MUST BE PROVIDED.

# ALTERNATING ONE-WAY FLAGGER CONTROLLED PILOT CAR OPERATION

NOT TO SCALE

FILE NAME	T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CAD\ContractPlans\XL6461_SR530_PS_VICMAP.dgn										Plot 8
TIME	2:58:03 PM										PLAN REF NO
DATE	2/10/2023										TC1
PLOTTED BY	LewisA										SHEET 13 OF 16 SHEETS
DESIGNED BY	J.CHAVEZ										
ENTERED BY	B. SCHEI										
CHECKED BY	A. WILLIAMS										
PROJ. ENGR.	S. BEIER										
REGIONAL ADM.	B.NIELSEN										
REVISION	DATE BY										
	FED.AID PROJ.NO.										
	REGION NO. STATE										
	10 WASH										
	JOB NUMBER										
	22A048										
	CONTRACT NO.										
	LOCATION NO.										
	DATE										
	P.E. STAMP BOX										
	DATE										
	P.E. STAMP BOX										
	Washington State Department of Transportation										
	SR 530										
	MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC										
	PAVING										
	TRAFFIC CONTROL PLAN										

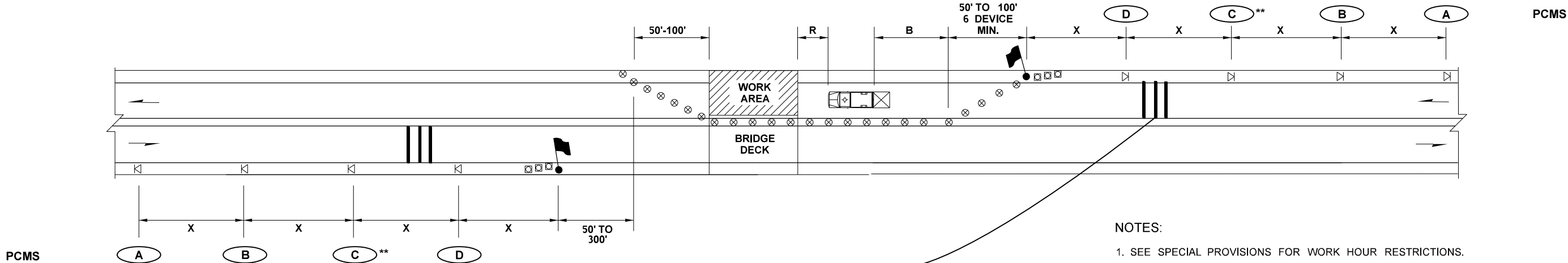
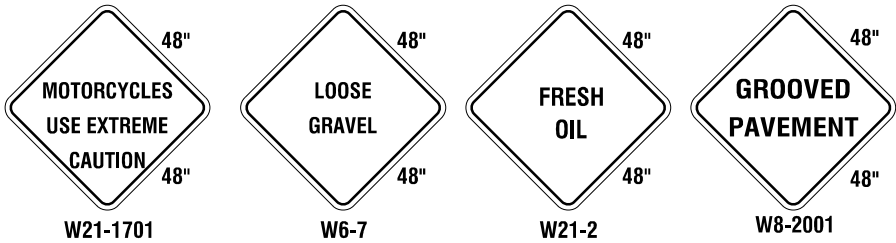


\*\* OPTIONAL IF SPEED  
LIMIT IS 40 MPH  
OR LESS

SIGN SPACING = X		
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

- (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE  
RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.  
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT  
ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40



PCMS	
PHASE 1	PHASE 2
FLAGGER ONE MILE AHEAD	BE PREPARED TO STOP
2 SEC	2 SEC

FIELD LOCATE 1 MILE (+/-) IN  
ADVANCE OF LANE CLOSURE

#### LEGEND

- FLAGGING STATION
- CLASS B SIGN LOCATION
- TRAFFIC SAFETY DRUMS
- TRAFFIC SAFETY CONE
- IMPACT ATTENUATOR
- WORK AREA

## TYPICAL ONE LANE, TWO-WAY TRAFFIC CONTROL WITH FLAGGERS FOR BRIDGE WORK

NOT TO SCALE

#### NOTES:

- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
- CHANNELIZING DEVICE SPACING FOR DOWNSTREAM TAPER SHALL BE 20' O.C.
- EXTEND TAPER CHANNELIZATION DEVICES ACROSS SHOULDER.
- ALL SIGNS SHALL BE BLACK ON ORANGE UNLESS OTHERWISE SPECIFIED.
- DISTANCE BETWEEN ADJACENT WORK ZONES TO BE 2 MILES MINIMUM.
- FLAGGER CONTROLLED WORK ZONE SHALL NOT EXCEED 2500'.
- INSTALL TRANVERSE RUMBLE STRIPS UPON PE REQUEST
- REDUCE DEVICE SPACING BY HALF WHEN USING TALL CHANNELIZATION DEVICES  
INSTEAD OF TRAFFIC SAFETY DRUMS.
- BRIDGE WIDTHS SHOWN ON RS2

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.				HOST VEHICLE WEIGHT > 22,000 lbs						
< 45 MPH	45 - 55 MPH	> 55 MPH	< 45 MPH	45 - 55 MPH	> 55 MPH					
100'	123'	172'	74'	100'	150'					
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

FILE NAME										T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CAD\ContractPlans\XL6461_SR530_PS_VICMAP.dgn																			
TIME		2:58:19 PM										REGION NO.		STATE		FED.AID PROJ.NO.													
DATE		2/10/2023										10		WASH															
PLOTTED BY		LewisA														JOB NUMBER 22A048													
DESIGNED BY		J.CHAVEZ																											
ENTERED BY		B. SCHEI														CONTRACT NO.													
CHECKED BY		A. WILLIAMS																											
PROJ. ENGR.		S. BEIER														LOCATION NO.													
REGIONAL ADM.		B.NIELSEN																											
										REVISION										DATE		BY							

REGION  
NO.  
10

STATE

WASH

JOB NUMBER

22A048

CONTRACT NO.

LOCATION NO.

DATE

DATE

P.E. STAMP BOX

P.E. STAMP BOX



Washington State  
Department of Transportation

SR 530  
MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC  
PAVING

TRAFFIC CONTROL PLAN

Plot 9

PLAN REF NO  
TC2

SHEET  
14  
OF  
16  
SHEETS

MOTORCYCLE WARNING SIGNS

48"

MOTORCYCLES  
USE EXTREME  
CAUTION

48"

W21-1701

48"

LOOSE  
GRAVEL

48"

W8-7

48"

FRESH  
OIL

48"

W21-2

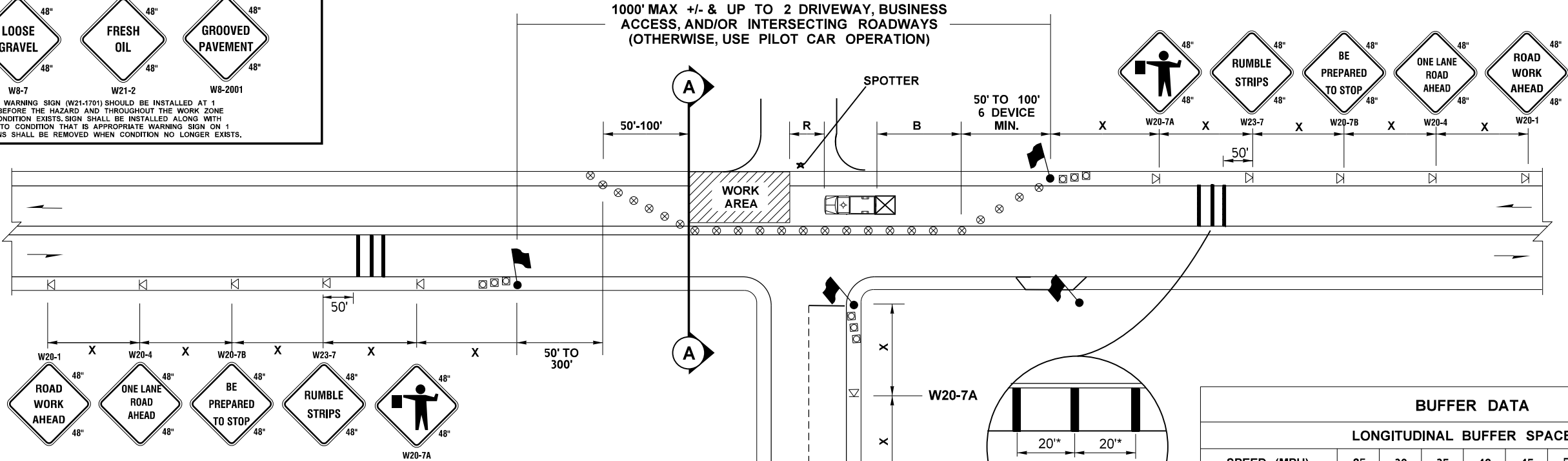
48"

GROOVED  
PAVEMENT

48"

W8-2001

MOTORCYCLE WARNING SIGN (W21-1701) SHOULD BE INSTALLED AT 1 MILE SPACING, BEFORE THE HAZARD AND THROUGHOUT THE WORK ZONE WHERE THE CONDITION EXISTS. SIGN SHALL BE INSTALLED ALONG WITH SIGN SPECIFIC TO CONDITION THAT IS APPROPRIATE WARNING SIGN ON 1 MILE SPACING. SIGNS SHALL BE REMOVED WHEN CONDITION NO LONGER EXISTS.



SIGN SPACING = X		
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT > 22,000 lbs							
< 45 MPH	45 - 55 MPH	> 55 MPH	< 45 MPH	45 - 55 MPH	> 55 MPH	< 45 MPH	45 - 55 MPH	> 55 MPH	< 45 MPH	45 - 55 MPH
100'	123'	172'	74'	100'	150'	100'	123'	172'	74'	100'
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

- (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
- (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

LEGEND

FLAGGING STATION

CLASS B SIGN LOCATION

TRAFFIC SAFETY DRUMS

TRAFFIC SAFETY CONE

PILOT VEHICLE

MOTORIST VEHICLE

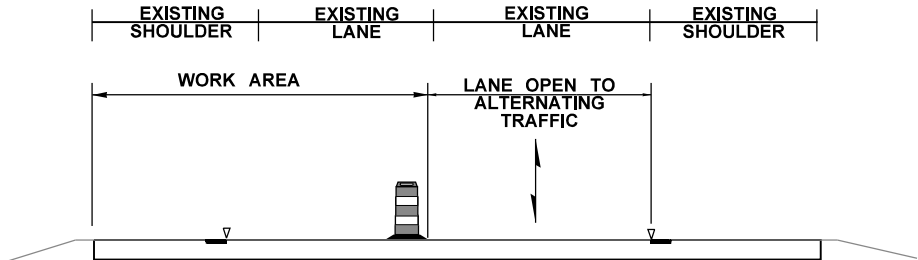
PORTABLE CHANGEABLE MESSAGE SIGN

WORK AREA

TEMPORARY RUMBLE STRIPS (SEE NOTE 11)

PCMS	
PHASE 1	PHASE 2
FLAGGER ONE MILE AHEAD	BE PREPARED TO STOP
2 SEC	2 SEC

FIELD LOCATE 1 MILE (+/-) IN ADVANCE OF LANE CLOSURE



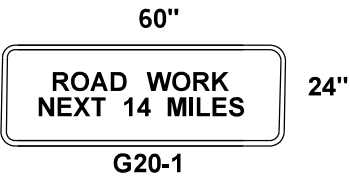
SECTION A-A

TYPICAL ONE LANE, TWO-WAY TRAFFIC CONTROL WITH FLAGGERS

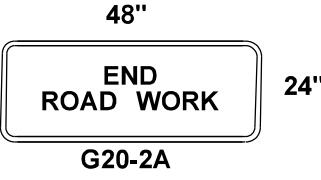
NOT TO SCALE

- NOTES:
1. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
2. CHANNELIZING DEVICE SPACING FOR DOWNSTREAM TAPER SHALL BE 20' O.C.
3. EXTEND TAPER CHANNELIZATION DEVICES ACROSS SHOULDER.
4. ALL SIGNS SHALL BE BLACK ON ORANGE UNLESS OTHERWISE SPECIFIED.
5. DISTANCE BETWEEN ADJACENT WORK ZONES TO BE 2 MILES MINIMUM.
6. FLAGGER CONTROLLED WORK ZONE SHALL NOT EXCEED 2500'.
7. REDUCE DEVICE SPACING 9BY HALF WHEN USING TALL CHANNELIZATION DEVICES INSTEAD OF TRAFFIC SAFETY DRUMS.
8. AVOID PLACING TEMPORARY TRANVERSE RUMBLE STRIPS WITHIN HORIZONTAL CURVES, ADJUST SIGN SPACING IF NEEDED. USE ONE OF THE FOLLOWING RUMBLE STRIPS:  
\* Traffix Alert High Speed Rumble Strip (Black)  
\* PSS Roadquake 2 or 2F Temporary Portable Rumble Strip (Black)

FILE NAME	T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CAD\ContractPlans\XL6461_SR530_PS_TC_JCI Working.dgn	REGION NO.	STATE	FED.AID PROJ.NO.	Washington State Department of Transportation	SR 530 MONTAGUE CR BR TO SEEMAN ST VIC PAVING TRAFFIC CONTROL	Plot 4
TIME	2:59:52 PM	10	WASH				PLAN REF NO TC3
DATE	2/10/2023						
PLOTTED BY	LewisA						
DESIGNED BY	J.CHAVEZ						
ENTERED BY	B.SCHEI						
CHECKED BY	A. WILLIAMS						
PROJ. ENGR.	S.BEIER						
REGIONAL ADM.	B.NIELSEN	REVISION	DATE	BY			SHEET 15 OF 16 SHEETS

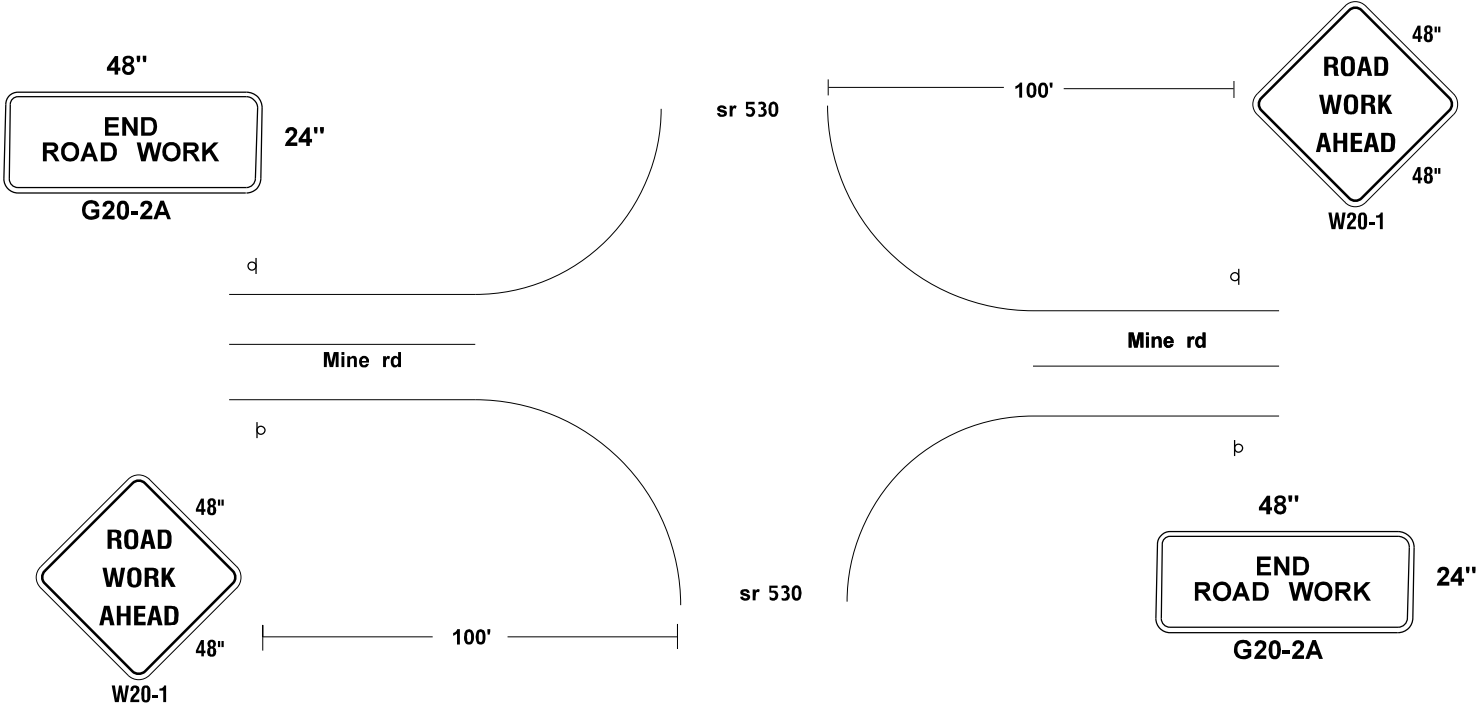


SIGN SHALL BE PLACED APROX.  
1000' OUTSIDE OF PROJECT LIMITS  
SEE SCHEDULE BELOW FOR MP



SIGN SHALL BE PLACED APROX.  
1000' OUTSIDE OF PROJECT LIMITS  
SEE SCHEDULE BELOW FOR MP


SEE STANDARD PLAN K-80.10



EB SR 530 MP 35.05	G20-1	10 SF
WB SR 530 MP 35.05	G20-2A	8 SF
WB SR 530 MP 48.9	G20-1	10 SF
EB SR 530 MP 48.9	G20-2A	8 SF
		TOTAL 36 SF

2 W20-1	32 SF
2 G20-2A	16 SF
TOTAL 48 SF	

CLASS A SIGNS

FILE NAME T:\412334\XL6461 SR530 Montague Cr Br to Seeman St Vic\CADIContractPlans\XL6461 SR530_PS_VICMAP.dgn										Plot 10
TIME 3:36:42 PM					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.			PLAN REF NO CA1
DATE 2/8/2023					JOB NUMBER 22A048					SHEET 16 OF 16 SHEETS
PLOTTED BY LewisA					CONTRACT NO.	LOCATION NO.	 Washington State Department of Transportation			CLASS A SIGNS
DESIGNED BY B. SCHEI										
ENTERED BY B. SCHEI							SR 530 MONTAGUE CREEK BRIDGE TO SEEMAN ST VIC PAVING			
CHECKED BY A. WILLIAMS										
PROJ. ENGR. S. BEIER										
REGIONAL ADM. B.NIELSEN	REVISION	DATE	BY							